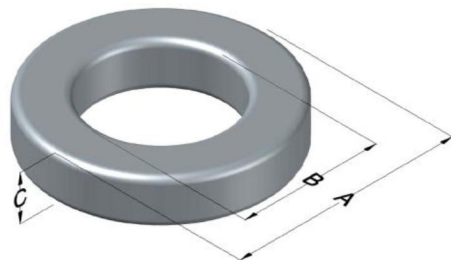




0075189A7

110 Delta Drive
Pittsburgh, PA 15238
NAFTA Sales: (1)800-245-3984
HK Sales : (852)3102-9337
magnetics@spang.com
www.mag-inc.com



75 Material Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	92 $\pm$ 8%	XXXXXX	75189A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 80 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	57.15	2.250	58.04	2.285	max	
ID (B)	26.39	1.039	25.58	1.007	min	
HT (C)	15.24	0.600	16.13	0.635	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 100mT max(mW/cm ³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm ²)	Cross Section A _e (mm ²)	Path Length L _e (mm)	Volume V _e (mm ³)	Weight (g)
850	80%	50%	3000	163.0	514	229	125	28,600	189
	85.0	180							

Winding Information						Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)			Curie Temp: 500°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	62.0	Coating Temp (Continuous up to): 200°C
					HT	24.0	
	Completely Full Window	Max OD	75.7	Notes:			
		Max HT	34.0				
0%	64.6	40%	77.8		Surface Area (mm²)		
20%	71.2	45%	79.8				
25%	72.9	50%	81.6				
30%	74.1	60%	85.6		Unwound Core		8,500
35%	76.3	70%	90.1		40% Winding Factor		12,000

Typical DC Bias Performance

